

Call for Expressions of Interest

#018 - Job Title: Two national Consultants to conduct baseline carbon emission assessment in selected healthcare facilities

1. Background:

To achieve a strong commitment of the government of Viet Nam stated by Prime Minister in COP 26 in reaching net zero carbon emission in Viet Nam by 2050, health sector in Viet Nam planned to take action in reducing carbon emissions from health system. Viet Nam was chosen as a country for piloting a methodology and tool for carbon emission assessment in health system in 2024. WHO Viet Nam and the former VIHEMA put significant efforts in conducting this pilot. Unfortunately, since the methodology and tool had not been fully developed by WHO at the global level yet, the pilot was postponed. However, a lesson drawn from the piloting exercise is that a baseline assessment of carbon emission from healthcare facilities is very crucial to help the healthcare facilities monitor progress of carbon emission reduction later.

The first pilot was conducted at Yen Thanh District Hospital, Nghe An province, as one of the three models selected to be Carbon-Resilient and Environmentally Sustainable Health Care Facilities (CRESHCFs) with promising results in which the HCWH methodology and tool seemed to be appropriate to use for HCFs and all 3 scopes of emission could be assessed. The other two models are located in Bac Ha District Hospital, Lao Cai province; and Cu Lao Minh District Hospital, Ben Tre province.

The WHO Headquarters and Western Pacific Regional Office (WPRO) are supporting WHO Viet Nam and the Viet Nam Administration of Disease Prevention (VADP, formerly VIHEMA) in assessing baseline carbon emissions in three climate-resilient HCF models. This follows progress in developing these models and the increasing demand for emission data before nationwide scale-up.

As a result, WHO Viet Nam is recruiting a team of two national consultants to conduct assessments of the three HCF models, document lessons learnt for future scale-up and train staff on those sites for sustained capacities to monitor carbon emission reduction in the future.

2. Planned timelines: Part-time

Start date: 15 June 2025 (subject to confirmation)

End date: 1 September 2025

Number of working days as a consultant: 20 non-consecutive days/consultant

3. Work to be performed

Purpose of the consultancy

To conduct baseline carbon emission assessment in selected healthcare facilities.

Method(s) to carry out the activity:

The selected consultants will be required to

- Work as a team under close supervision of WHO Representative Office in Viet Nam and guidance from VADP. In addition, the team will also work closely with focal points in the HCF models to conduct the baseline assessment and with local consultants from Hai Phong University of Medicine and Pharmacy (HPMU);
- Study and select the most appropriate methodology and tool for baseline assessment of carbon emission in HCFs;
- Conduct baseline assessment, including collecting data and information from healthcare facilities, conducting field survey, calculating carbon emission to summarize assessment results;
- During the assessment, train focal points working in the three HCF models to ensure they are capacitated to assess carbon emissions in the future; and
- Hold technical meetings with local consultants from HPMU to share lessons learnt and experience in conducting the assessment to streamline the methodology and tool for baseline assessment in HCF models in Viet Nam.

Outputs

1. Baseline assessment of carbon emission conducted in the three HCF models to draw lessons learnt and experience;
2. Guideline on baseline assessment of carbon emission in HCFs to be developed for training focal points in the three HCF models; and
3. A methodology and tool for baseline assessment to be discussed with HPMU team for streamlining for further scaling up in the next phase.

Common deliverables:

- Deliverable 1.1: Proposed methodology and tool for baseline assessment of carbon emission that are adapted to Vietnamese context of healthcare facilities (by 30 June 2025);
- Deliverable 1.2: Reports on baseline assessment of carbon emission from the 3 HCF models (by 15 August 2025); and
- Deliverable 1.3: Guideline on the streamlined methodology and tool for baseline assessment of carbon emission from HCFs (by 1 September 2025).

Specific deliverables:

A) For Consultant 1

- Deliverable 1.1: Report on studying and selecting the methodology and tool for baseline assessment of carbon emission from HCFs (by 30 June 2025); and
- Deliverable 1.2: Summary of lessons learnt and experience from baseline assessments to share with HPMU in the technical meeting (by 15 August 2025).

B) For Consultant 2

- Deliverable 1.1: Detailed plan for conducting assessment of carbon emission and training staff in three HCF models (by 30 June 2025); and
- Deliverable 1.2: Package of training materials on baseline assessment used at the three CRHCF models (by 15 August 2025).

4. Specific requirements

Educational Qualifications required

Master degree in environmental health, public health, chemical engineering, environmental science, energy engineering or other relevant areas from a recognized university.

Experience required

- At least 5 years of experience in environmental health, public health, environmental engineering and management, energy engineering or relevant fields.
- Experience in carbon emission inventory in relevant sectors, in projects related to carbon foot print, climate change mitigation and adaptation.
- Familiarity with any methodology and tool used in assessment of carbon emission is an advantage.

Skills/Knowledge

- Knowledge on climate change, carbon emission, calculation of carbon emission, knowledge on healthcare facilities in Viet Nam;
- Skills in development or applying methodology, collecting data, validation of data and analysis as well as mathematic calculation and statistics in environment and health sectors;
- Project management, planning skills and communication skills; and
- Teamwork spirit and coordinating skills.

Languages and level required

Excellent in writing and speaking English. Fluency in Vietnamese as a mother tongue.

5. Place of assignment

The Consultants are required to work mainly at their own places in Hanoi and travel to the 3 HCF models.

6. Medical clearance

The selected Consultants will be expected to provide a medical certificate of fitness for work.

7. Travel

The Consultants are expected to travel to the 3 HCF models, Bac Ha District Hospital, Lao Cai province; Cu Lao Minh Regional Hospital, Ben Tre province and Yen Thanh District Hospital, Nghe An province, and Hai Phong University of Medicine and Pharmacy in Hai Phong city.

8. Budget

Please take note of the following when submitting application:

- The contractor will be responsible for paying taxes, if any.

Application letters and updated CVs in English should be received **on/or before 13 June 2025** and should be addressed to:

Administrative Officer World Health Organization
UN Building, 304 Kim Ma Street, Hanoi, Viet Nam



OR

wpvnmapplicants@who.int

For further information on this Call for Expressions of Interest, please contact: _

wpvnmhle@who.int

Schedule of work for the National Consultant 1:

No.	Activity	Duration (Days)	Note
1.	Report on studying and selecting the methodology and tool for baseline assessment of carbon emission from HCFs	2	
2.	Conducting baseline assessment of carbon emission from HCFs in 3 CRESHCF models and training for focal points	10	Yen Thanh, Nghe An; Bac Ha, Lao Cai and Cu Lao Minh, Ben Tre
3.	Summary of lessons learnt and experience from baseline assessments	2	
4.	Discussing with HPMU in technical meeting	1	In Hai Phong City
5.	Developing a guideline on the streamlined methodology and tool for baseline assessment of carbon emission from HCFs	5	
	Total of working days	20	

Schedule of work for the National Consultant 2:

No.	Activity	Duration (Days)	Note
1.	Developing a detailed plan for conducting assessment of carbon emission and training in three CRESHCF models.	2	In Hanoi
2.	Preparing tool for baseline assessment and training materials	2	In Hanoi
3.	Conducting baseline assessment of carbon emission from HCFs in 3 CRESHCF models and training for focal points	10	Yen Thanh, Nghe An; Bac Ha, Lao Cai and Cu Lao Minh, Ben Tre
4.	Discussing with HPMU in technical meeting	1	In Hai Phong City
5.	Developing a guideline on the streamlined methodology and tool for baseline assessment of carbon emission from HCFs	5	
	Total of working days	20	